
Claim 1 (twice amended). Polysiloxane compositions which cross-link by condensation and which comprise:

a) at least one cross-linkable polysiloxane comprising as a reactive terminal group at least one of the following groups:

-O-SiR¹₂OH,

-O-SiR¹(OR²)₂, or

 -O-Si(OR²)₃,

wherein

R¹ denotes optionally substituted C₁-C₈-alkyl, C₆-C₁₄-aryl or C₂-C₈-alkenyl groups, and

R² denotes optionally substituted linear or branched C₁-C₈-alkyl or C₂-C₈-alkoxyalkyl groups, and R¹ and R² can be the same or different within the molecule,

- b) at least one basic filler and optionally other fillers,
- c) at least one phosphorus compound selected from the group consisting of
 - i) orthophosphoric acid esters of the following formula:



in which

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n denotes 0, 1 or 2, and

R³ denotes an optionally substituted linear or branched C₁-C₃₀-alkyl, C₁-C₃₀-acyl, C₂-C₃₀-alkenyl, C₂-C₃₀-alkoxyalkyl, C₅-C₁₄-cycloalkyl or C₆-C₁₀-aryl group or a triorganosilyl or diorganoalkoxysilyl group, and each R³ can be the same or different within the molecule,

wherein when n denotes 1 or 2, at least one of the substituents R³ is an optionally substituted linear or branched C₁-C₃₀-alkyl, C₁-C₃₀-acyl, C₂-C₃₀-alkenyl, C₂-C₃₀-alkoxyalkyl, C₅-C₁₄-cycloalkyl or C₆-C₁₀-aryl group,

and wherein when n denotes O, at least one of the substituents R³ is a triorganosilyl or diorganoalkoxysilyl radical,

and ii) esters of polyphosphoric acid,

d) at least one alkoxy silane cross-linking agent selected from the group consisting of tetraethoxysilane, tetra-n-propoxysilane, methyltriethoxysilane, methyltrimethoxysilane, methyltri(2-methoxyethoxy)silane, vinyltrimethoxysilane, vinyltriethoxysilane and partial hydrolyzates thereof,

e) at least one organometallic compound selected from the group consisting of organic titanium compounds and organic tin compounds and

f) optionally other auxiliary substances selected from the group consisting of plasticizers, bonding agents, pigments and fungicides.

REMARKS

This application pertains to novel polysiloxane compositions which crosslink by condensation.

Claims 1-4, 6 and 8-13 are pending, although claims 11 and 12 have been withdrawn from consideration as drawn to non-elected subject matter.

The claims under examination are therefore claims 1-4, 6, 8-10 and 13.